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IN THE U.S. PATENT & TRADEMARK OFFICE

Applicant: Badovinat, et al. : Group Art Unit 2152 / Conf. No.7941
Serial No.: 09/993,990 : Examiner:
Filed: November 6, 2001 : May 15, 2003
Title: IMPROVING COMMUNICATION : Lawrence D. Cutter
EFFICIENCY AND PERFORMANCE IN : IBM Corporation
UNRELIABLE COMMUNICATION : 2455 South Road, M/S P386
ENVIRONMENT : Poughkeepsie, N.Y. 12601

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

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MAY 21 2003
Technology Center 2100

Sir:

Listed on the accompanying form PTO-1449 are documents that are being submitted for consideration under 37 CFR 1.97(b) and 1.98. Copies of the documents are enclosed. The Examiner's attention is directed to the following explanation that details how the above-identified patent application is distinguished over this art.

The article by Tanenbaum S: "Computer Networks" (XP002233582) deals with TCP congestion control between two communication end points to maximize the efficiency of the bandwidth and throughput. However, it does not deal with the case where one sends messages (one or many) to many receivers. In this case, the sender needs to regulate the transmission based on the activities between all other nodes, in addition to the activity between the sender and one receiver.

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CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on May 16, 2003.

Susan L. Phelps
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5-16-2003
Date

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The article "Real-Time Video on the Web using Dynamic ..." has a goal similar to the goal in XP002233582, namely, to control the transmission rate between two ends.

In contrast to the above, the present invention tries to maximize the efficiency of transmission between many nodes (not only between two end nodes) when each node may broadcast the messages to other nodes via unreliable communication channels.

Respectfully submitted,

MAY 15, 2003
Date

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